## Message

From: Hough, Palmer [Hough.Palmer@epa.gov]

**Sent**: 1/14/2020 2:05:55 PM

**To**: Schofield, Kate [Schofield.Kate@epa.gov]; Ebersole, Joe [Ebersole.Joe@epa.gov]; Barnhart, Megan

[barnhart.megan@epa.gov]; McCracken, Betsy W. [mccracken.betsy@epa.gov]; LaCroix, Matthew

[LaCroix.Matthew@epa.gov]; Palomaki, Ashley [Palomaki.Ashley@epa.gov]; Nalven, Heidi [Nalven.Heidi@epa.gov];

Jensen, Amy A. [jensen.amy@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]; Vaughan, Molly

[Vaughan.Molly@epa.gov]; Szelag, Matthew [Szelag.Matthew@epa.gov]

Subject: FYI - A Complete Fisheries Inventory of the Chulitna River Basin, Lake Clark National Park and Preserve, Alaska:

Example of a Minimally Disturbed Basin

Attachments: Hughes\_etal\_2019\_TAFS\_Chulitna.pdf

FYI – interesting new paper from Chulitna River basin in the Lake Clark NP

From: Holdsworth, Susan < Holdsworth. Susan@epa.gov>

Sent: Tuesday, January 14, 2020 8:32 AM

To: Hough, Palmer < Hough.Palmer@epa.gov>
Subject: FW: NRSA type paper Alaska paper

Don't know if you saw this already, but thought you might be interested about a baseline survey in portion of headwaters of Bristol Bay. It was conducted using NARS design and methods, funded by NPS.

From: Lehmann, Sarah < Lehmann. Sarah@epa.gov>

Sent: Tuesday, January 14, 2020 7:19 AM

To: Maier, Michelle < Maier. Michelle@epa.gov > Cc: Holdsworth, Susan < Holdsworth. Susan@epa.gov >

Subject: FW: NRSA type paper Alaska paper

https://afspubs.onlinelibrary.wiley.com/doi/full/10.1002/tafs.10205

Sarah Lehmann
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Visit the National Aquatic Resource Surveys Website
Download data from the NARS

From: Herlihy, Alan Tate <alan.herlihy@oregonstate.edu>

Sent: Monday, January 13, 2020 5:51 PM

To: Lehmann, Sarah < Lehmann.Sarah@epa.gov >; Mitchell, Richard < Mitchell.Richard@epa.gov >

Cc: Kaufmann, Phil < Kaufmann. Phil@epa.gov>

Subject: NRSA type paper Alaska paper

FYI, don't know if you are tracking this specific type of paper or not but here's one I worked on with Bob Hughes in Alaska in the Chulitna River basin in the Lake Clark NP. It used the NRSA sample design and NRSA field methods/forms. It's been the only study I ever worked on where the W1\_HALL (riparian disturbance) were all zeros everywhere. Had to fly in on float planes to sample (unfortunately, I wasn't involved in that part). Pretty much as reference as there exists today.

Alan

